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Development of the ecological and technological business of chemical cleaning of heat exchange equipment

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Abstract

© SGEM2018. This paper discussed the effective application of heat exchange equipment the main areas of modern economic/domestic activities. Conclusions are made about the positive role of timely cleaning of heat exchange equipment and its impact on service life, saving money for expensive repairs and replacement of this equipment. The existing, practical methods of cleaning heat exchangers are analyzed. The key principles of developing an eco-technological business of chemical cleaning of heat-exchange equipment are considered. Proposed the use of the process approach when implementing eco-technological business of chemical cleaning of heat exchangers. A strategic goal map of the functioning of eco-technology business has been developed. Performance key indicators are proposed in accordance with the developed strategic map. Due to technical and economic efficiency of eco-technology Biorenex in chemical cleaning of heat-exchange equipment. As a result of the researches, it was concluded that today this technology fully meets the requirements in competitive criteria by price, quality and security.

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Keywords

Balanced scorecard, Chemical cleaning, Power equipment, Process approach

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